

GenCore version 5.1.6  
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OM protein - protein search, using SW model

Run on: March 7, 2005, 07:07:07 ; Search time 77.9233 Seconds  
(Without alignments)  
1072.560 Million cell updates/sec

Title: US-09-939-537-33  
Perfect score: 1385  
Sequence: 1 EPRSCDKHTHCPCAPAPBLU.....DERCARAQDGEIDGWTTPD 254

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1391452 seqs, 329044822 residues

Total number of hits satisfying chosen parameters: 1391452

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Listing first 45 summaries

Database :

Published Applications AA:  
1: /cgn2\_6/ptodata/1/pubppa/US07\_PUBCOMB.pep.\*  
2: /cgn2\_6/ptodata/1/pubppa/US06\_PUBCOMB.pep.\*  
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19: /cgn2\_6/ptodata/1/pubppa/US09\_PUBCOMB.pep.\*  
20: /cgn2\_6/ptodata/1/pubppa/US08\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1385	100.0	254	US-09-939-537-33	Sequence 33, Appl
2	1258	90.9	288	US-09-822-851B-14	Sequence 14, Appl
3	1258	90.9	288	US-10-119-637A-14	Sequence 14, Appl
4	1258	90.8	232	US-09-996-357-10	Sequence 10, Appl
5	1258	90.8	232	US-09-389-782-1	Sequence 1, Appl
6	1258	90.8	232	US-10-617-619-7	Sequence 7, Appl
7	1258	90.8	232	US-10-761-593A-26	Sequence 26, Appl
8	1258	90.8	235	US-10-207-655-208	Sequence 208, Appl
9	1258	90.8	247	US-09-986-357-13	Sequence 13, Appl
10	1258	90.8	251	US-10-008-063-18	Sequence 18, Appl
11	1258	90.8	251	US-10-152-363A-6	Sequence 6, Appl
12	1258	90.8	259	US-09-934-060A-32	Sequence 32, Appl
13	1258	90.8	267	US-09-996-357-12	Sequence 12, Appl

14	1258	90.8	329	US-10-370-749-48	Sequence 48, Appl
15	1258	90.8	330	US-09-995-898A-15	Sequence 15, Appl
16	1258	90.8	330	US-09-892-949-38	Sequence 38, Appl
17	1258	90.8	330	US-10-047-544-20	Sequence 20, Appl
18	1258	90.8	330	US-10-269-805-68	Sequence 68, Appl
19	1258	90.8	330	US-10-310-719-8	Sequence 8, Appl
20	1258	90.8	330	US-10-112-582-1	Sequence 1, Appl
21	1258	90.8	330	US-10-320-231A-81	Sequence 81, Appl
22	1258	90.8	330	US-10-383-902A-6	Sequence 6, Appl
23	1258	90.8	330	US-10-408-901-2	Sequence 2, Appl
24	1258	90.8	330	US-10-420-034A-15	Sequence 15, Appl
25	1258	90.8	330	US-10-257-907-5	Sequence 5, Appl
26	1258	90.8	330	US-10-656-769-2	Sequence 2, Appl
27	1258	90.8	330	US-10-679-920-58	Sequence 58, Appl
28	1258	90.8	330	US-10-772-531-38	Sequence 38, Appl
29	1258	90.8	330	US-10-479-326-1	Sequence 1, Appl
30	1258	90.8	330	US-10-684-957-2	Sequence 2, Appl
31	1258	90.8	330	US-10-886-838-6	Sequence 6, Appl
32	1258	90.8	330	US-10-822-300-3	Sequence 3, Appl
33	1258	90.8	330	US-10-822-300-7	Sequence 7, Appl
34	1258	90.8	330	US-10-687-118-3	Sequence 3, Appl
35	1258	90.8	330	US-10-687-118-7	Sequence 7, Appl
36	1258	90.8	330	US-10-901-735-2	Sequence 2, Appl
37	1258	90.8	331	US-09-761-413-2	Sequence 2, Appl
38	1258	90.8	331	US-10-341-836-2	Sequence 2, Appl
39	1258	90.8	332	US-09-990-586-98	Sequence 98, Appl
40	1258	90.8	332	US-10-310-113-167	Sequence 167, Appl
41	1258	90.8	332	US-10-230-880-98	Sequence 98, Appl
42	1258	90.8	333	US-10-272-899A-8	Sequence 8, Appl
43	1258	90.8	356	US-10-272-899A-72	Sequence 72, Appl
44	1258	90.8	358	US-10-233-150-5	Sequence 5, Appl
45	1258	90.8	360	US-09-949-713-11	Sequence 11, Appl

# ALIGNMENTS

RESULT 1  
US-09-939-537-33  
Sequence 33, Application US/09939537  
Publication No. US20030138410A1  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
Banapour, Babak  
Romeo, Charles  
Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Clark & Elding LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/939, 537  
FILING DATE: 24-Aug-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961

Thu Mar 10 07:09:07 2005

FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Bihing, Karen L.  
REGISTRATION NUMBER: 35,238  
TELECOMMUNICATION INFORMATION: 00786/247001  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045

INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 254 amino acids  
STRANDEDNESS: acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 33:

Query Match

Best Local Similarity 100.0%; Score 1385; DB 10; Length 254;  
Matches 254; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 EPKSCDKHTHTCPCPAPPELLGGPSVFLFPPPKKDTLMISRTPEVTCVVDVSHEDPEVKF 60  
1 EPKSCDKHTHTCPCPAPPELLGGPSVFLFPPPKKDTLMISRTPEVTCVVDVSHEDPEVKF 60  
61 NMVYDGVVHNNAKTPREBOYNSTYRVSVLTGLHODMNGEKYCKVSKALPAPIEKT 120  
61 NMVYDGVVHNNAKTPREBOYNSTYRVSVLTGLHODMNGEKYCKVSKALPAPIEKT 120  
121 ISKAGQPREPOVYTLPPSRDELITKNQVSLTCLVKGYPSPDIWESNGOPENNYKTTT 120  
121 ISKAGQPREPOVYTLPPSRDELITKNQVSLTCLVKGYPSPDIWESNGOPENNYKTTT 120  
181 PVLDSGSPFLYSKLTVDKSRMOQGNVFCSCVMEALHNHYTQKSLSLSPGLDLETCAR 180  
181 PVLDSGSPFLYSKLTVDKSRMOQGNVFCSCVMEALHNHYTQKSLSLSPGLDLETCAR 180  
241 AODGELDGLMTTDP 254  
241 AODGELDGLMTTDP 254

RESULT 2

US-09-822-851B-14  
Sequence 14, Application US/09822851B  
GENERAL INFORMATION: US20030095966A1  
APPLICANT: Liu, Yang  
APPLICANT: Zheng, Pan  
TITLE OF INVENTION: Methods of Blocking Tissue Destruction by Autoreactive T Cells  
FILE REFERENCE: 22727/04047  
CURRENT FILING DATE: 2001-03-29  
SOFTWARE: SEQ ID NOS: 2001-03-29  
SEQ ID NO: 14  
LENGTH: 288  
TYPE: PRT  
ORGANISM: Artificial sequence  
FEATURES:  
OTHER INFORMATION: residues 1-52 are mouse HSA sequences, residues 53-55 are unknown  
US-09-822-851B-14  
Sequence 14, Application US/09822851B  
GENERAL INFORMATION: US20030095966A1  
APPLICANT: Liu, Yang  
APPLICANT: Zheng, Pan  
TITLE OF INVENTION: Methods of Blocking Tissue Destruction by Autoreactive T Cells  
FILE REFERENCE: 22727/04047  
CURRENT FILING DATE: 2001-03-29  
SOFTWARE: SEQ ID NOS: 2001-03-29  
SEQ ID NO: 14  
LENGTH: 288  
TYPE: PRT  
ORGANISM: Artificial sequence  
FEATURES:  
OTHER INFORMATION: residues 1-52 are mouse HSA sequences, residues 53-55 are unknown

Query Match

Best Local Similarity 99.1%; Score 1259; DB 10; Length 288;  
Matches 231; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

1 EPKSCDKHTHTCPCPAPPELLGGPSVFLFPPPKKDTLMISRTPEVTCVVDVSHEDPEVKF 60  
1 EPKSCDKHTHTCPCPAPPELLGGPSVFLFPPPKKDTLMISRTPEVTCVVDVSHEDPEVKF 60

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56 EPKSCDKHTHTCPCPAPPELLGGPSVFLFPPPKKDTLMISRTPEVTCVVDVSHEDPEVKF 115  
61 NMVYDGVVHNNAKTPREBOYNSTYRVSVLTGLHODMNGEKYCKVSKALPAPIEKT 115  
116 NMVYDGVVHNNAKTPREBOYNSTYRVSVLTGLHODMNGEKYCKVSKALPAPIEKT 115  
121 ISKAGQPREPOVYTLPPSRDELITKNQVSLTCLVKGYPSPDIWESNGOPENNYKTTT 120  
121 ISKAGQPREPOVYTLPPSRDELITKNQVSLTCLVKGYPSPDIWESNGOPENNYKTTT 120  
176 ISKAGQPREPOVYTLPPSRDELITKNQVSLTCLVKGYPSPDIWESNGOPENNYKTTT 175  
176 ISKAGQPREPOVYTLPPSRDELITKNQVSLTCLVKGYPSPDIWESNGOPENNYKTTT 175  
181 PVLDSGSPFLYSKLTVDKSRMOQGNVFCSCVMEALHNHYTQKSLSLSPGLQ 233  
181 PVLDSGSPFLYSKLTVDKSRMOQGNVFCSCVMEALHNHYTQKSLSLSPGLQ 233  
236 PVLDSGSPFLYSKLTVDKSRMOQGNVFCSCVMEALHNHYTQKSLSLSPGLQ 233

RESULT 3

US-10-119-637A-14  
Sequence 14, Application US/10119637A  
GENERAL INFORMATION: US20030106084A1  
APPLICANT: Liu, Yang  
APPLICANT: Zheng, Pan  
TITLE OF INVENTION: Methods of Blocking Tissue Destruction by Autoreactive T Cells  
FILE REFERENCE: 22727/04117  
CURRENT FILING DATE: 2003-02-03  
PRIOR FILING DATE: 2001-03-29  
SOFTWARE: SEQ ID NOS: 2001-03-29  
SEQ ID NO: 14  
LENGTH: 288  
TYPE: PRT  
ORGANISM: Artificial sequence  
FEATURES:  
OTHER INFORMATION: residues 1-52 are mouse HSA sequences, residues 53-55 are unknown  
US-10-119-637A-14  
Sequence 14, Application US/10119637A  
GENERAL INFORMATION: US20030106084A1  
APPLICANT: Liu, Yang  
APPLICANT: Zheng, Pan  
TITLE OF INVENTION: Methods of Blocking Tissue Destruction by Autoreactive T Cells  
FILE REFERENCE: 22727/04117  
CURRENT FILING DATE: 2003-02-03  
PRIOR FILING DATE: 2001-03-29  
SOFTWARE: SEQ ID NOS: 2001-03-29  
SEQ ID NO: 14  
LENGTH: 288  
TYPE: PRT  
ORGANISM: Artificial sequence  
FEATURES:  
OTHER INFORMATION: residues 1-52 are mouse HSA sequences, residues 53-55 are unknown

Query Match

Best Local Similarity 99.1%; Score 1259; DB 14; Length 288;  
Matches 231; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

1 EPKSCDKHTHTCPCPAPPELLGGPSVFLFPPPKKDTLMISRTPEVTCVVDVSHEDPEVKF 60  
1 EPKSCDKHTHTCPCPAPPELLGGPSVFLFPPPKKDTLMISRTPEVTCVVDVSHEDPEVKF 60  
61 NMVYDGVVHNNAKTPREBOYNSTYRVSVLTGLHODMNGEKYCKVSKALPAPIEKT 120  
61 NMVYDGVVHNNAKTPREBOYNSTYRVSVLTGLHODMNGEKYCKVSKALPAPIEKT 120  
121 ISKAGQPREPOVYTLPPSRDELITKNQVSLTCLVKGYPSPDIWESNGOPENNYKTTT 120  
121 ISKAGQPREPOVYTLPPSRDELITKNQVSLTCLVKGYPSPDIWESNGOPENNYKTTT 120  
176 ISKAGQPREPOVYTLPPSRDELITKNQVSLTCLVKGYPSPDIWESNGOPENNYKTTT 175  
176 ISKAGQPREPOVYTLPPSRDELITKNQVSLTCLVKGYPSPDIWESNGOPENNYKTTT 175  
181 PVLDSGSPFLYSKLTVDKSRMOQGNVFCSCVMEALHNHYTQKSLSLSPGLQ 233  
181 PVLDSGSPFLYSKLTVDKSRMOQGNVFCSCVMEALHNHYTQKSLSLSPGLQ 233  
236 PVLDSGSPFLYSKLTVDKSRMOQGNVFCSCVMEALHNHYTQKSLSLSPGLQ 233

RESULT 4  
 US-09-996-357-10  
 ; Sequence 10, Application US/09996357  
 ; Patent No. US20020133001A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gelfer, Malcolm L  
 ; APPLICANT: Isreal, David I  
 ; APPLICANT: Joyal, John L  
 ; APPLICANT: Gosselin, Michael  
 ; TITLE OF INVENTION: THERAPEUTIC AGENTS AND METHODS OF USE THEREOF FOR  
 ; TREATING AN AMYLOIDOTIC DISEASE  
 ; FILE REFERENCE: PPI-105  
 ; CURRENT APPLICATION NUMBER: US/09/996,357  
 ; PRIOR FILING DATE: 2001-11-27  
 ; PRIOR APPLICATION NUMBER: 60/253,302  
 ; PRIOR FILING DATE: 2000-11-27  
 ; PRIOR APPLICATION NUMBER: 60/250,198  
 ; PRIOR FILING DATE: 2000-11-29  
 ; PRIOR APPLICATION NUMBER: 60/257,186  
 ; PRIOR FILING DATE: 2000-12-20  
 ; NUMBER OF SEQ ID NOS: 13  
 ; SOFTWARE: Patent In Ver. 2.0  
 ; SEQ ID NO 10  
 ; LENGTH: 232  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-996-357-10

Query Match 90.8%; Score 1258; DB 9; Length 232;  
 Best Local Similarity 100.0%; Pred. No. 4,3e-92;  
 Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EPKSCDKHTCPCPAPBELLGSPVFLPPPKPDITMISTRTBEVTCVVDVSHDEBVKF 60  
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 DB 1 EPKSCDKHTCPCPAPBELLGSPVFLPPPKPDITMISTRTBEVTCVVDVSHDEBVKF 60  
 |||  
 QY 61 NMVVDGEVHNAKTKREBOYNSTYRVSVLTVLHODMNGKXKCKVSNKALPAPIEKT 120  
 |||  
 DB 61 NMVVDGEVHNAKTKREBOYNSTYRVSVLTVLHODMNGKXKCKVSNKALPAPIEKT 120  
 |||  
 QY 121 ISKAKQPREPOVYTLTPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGQPENNYKTT 180  
 |||  
 DB 121 ISKAKQPREPOVYTLTPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGQPENNYKTT 180  
 |||  
 QY 181 PVLDSGSEFLLYSKLTVDKSRMQQGNVFSCSVMHEALHNHYTQKSLSLSPG 231  
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 DB 181 PVLDSGSEFLLYSKLTVDKSRMQQGNVFSCSVMHEALHNHYTQKSLSLSPG 231  
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RESULT 5  
 US-09-389-782-1  
 ; Sequence 1, Application US/09389782  
 ; Publication No. US20030144187A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wooden, Scott K.  
 ; APPLICANT: Mann, Michael B.  
 ; APPLICANT: Dunstan, Colin R.  
 ; TITLE OF INVENTION: OPG Fusion Protein Compositions and Methods  
 ; FILE REFERENCE: A-604  
 ; CURRENT APPLICATION NUMBER: US/09/389,782  
 ; PRIOR FILING DATE: 1999-09-03  
 ; NUMBER OF SEQ ID NOS: 50  
 ; SOFTWARE: Patent In Ver. 2.1  
 ; SEQ ID NO 1  
 ; LENGTH: 232  
 ; TYPE: PRT  
 ; ORGANISM: Human  
 US-09-389-782-1

Query Match 90.8%; Score 1258; DB 10; Length 232;  
 Best Local Similarity 100.0%; Pred. No. 4,3e-92;  
 Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EPKSCDKHTCPCPAPBELLGSPVFLPPPKPDITMISTRTBEVTCVVDVSHDEBVKF 60  
 |||  
 DB 1 EPKSCDKHTCPCPAPBELLGSPVFLPPPKPDITMISTRTBEVTCVVDVSHDEBVKF 60  
 |||  
 QY 61 NMVVDGEVHNAKTKREBOYNSTYRVSVLTVLHODMNGKXKCKVSNKALPAPIEKT 120  
 |||  
 DB 61 NMVVDGEVHNAKTKREBOYNSTYRVSVLTVLHODMNGKXKCKVSNKALPAPIEKT 120  
 |||  
 QY 121 ISKAKQPREPOVYTLTPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGQPENNYKTT 180  
 |||  
 DB 121 ISKAKQPREPOVYTLTPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGQPENNYKTT 180  
 |||  
 QY 181 PVLDSGSEFLLYSKLTVDKSRMQQGNVFSCSVMHEALHNHYTQKSLSLSPG 231  
 |||  
 DB 181 PVLDSGSEFLLYSKLTVDKSRMQQGNVFSCSVMHEALHNHYTQKSLSLSPG 231  
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RESULT 6  
 US-10-617-619-7  
 ; Sequence 7, Application US/10617619  
 ; Publication No. US20040110929A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bjorn, Soren E  
 ; APPLICANT: Nicolsaen, Else M  
 ; APPLICANT: Jorgensen, Anker S  
 ; TITLE OF INVENTION: TP Binding Compound  
 ; FILE REFERENCE: 6455-200-US  
 ; CURRENT APPLICATION NUMBER: US/10/617,619  
 ; PRIOR FILING DATE: 2003-07-11  
 ; PRIOR APPLICATION NUMBER: Danish Application No. PA 2002 01099  
 ; PRIOR FILING DATE: 2002-07-12  
 ; PRIOR APPLICATION NUMBER: US 60/404,568  
 ; PRIOR FILING DATE: 2002-08-19  
 ; NUMBER OF SEQ ID NOS: 13  
 ; SOFTWARE: Patent In version 3.2  
 ; SEQ ID NO 7  
 ; LENGTH: 232  
 ; TYPE: PRT  
 ; ORGANISM: Human  
 US-10-617-619-7

Query Match 90.8%; Score 1258; DB 16; Length 232;  
 Best Local Similarity 100.0%; Pred. No. 4,3e-92;  
 Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EPKSCDKHTCPCPAPBELLGSPVFLPPPKPDITMISTRTBEVTCVVDVSHDEBVKF 60  
 |||  
 DB 1 EPKSCDKHTCPCPAPBELLGSPVFLPPPKPDITMISTRTBEVTCVVDVSHDEBVKF 60  
 |||  
 QY 61 NMVVDGEVHNAKTKREBOYNSTYRVSVLTVLHODMNGKXKCKVSNKALPAPIEKT 120  
 |||  
 DB 61 NMVVDGEVHNAKTKREBOYNSTYRVSVLTVLHODMNGKXKCKVSNKALPAPIEKT 120  
 |||  
 QY 121 ISKAKQPREPOVYTLTPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGQPENNYKTT 180  
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 DB 121 ISKAKQPREPOVYTLTPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGQPENNYKTT 180  
 |||  
 QY 181 PVLDSGSEFLLYSKLTVDKSRMQQGNVFSCSVMHEALHNHYTQKSLSLSPG 231  
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 DB 181 PVLDSGSEFLLYSKLTVDKSRMQQGNVFSCSVMHEALHNHYTQKSLSLSPG 231  
 |||

RESULT 7  
 US-10-761-593A-26  
 ; Sequence 26, Application US/10761593A  
 ; Publication No. US20040175824A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Sun, Lee-Hwei K  
 ; APPLICANT: Sun, Bill N  
 ; APPLICANT: Sun, Cecily R  
 ; TITLE OF INVENTION: Fc fusion proteins of human erythropoietin with high biological  
 ; TITLE OF INVENTION: activities  
 ; FILE REFERENCE: 02SUN2001-A

Thu Mar 10 07:09:07 2005

us-09-939-537-33.rapb

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CURRENT APPLICATION NUMBER: US/10/761,593A
CURRENT FILING DATE: 2004-01-21
PRIOR APPLICATION NUMBER: 09/932812
PRIOR FILING DATE: 2001-08-17
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.2
SEQ ID NO 26
LENGTH: 232
TYPE: PRT
ORGANISM: Homo sapiens
US-10-761-593A-26

Query Match          90.8%; Score 1258; DB 16; Length 232;
Best Local Similarity 100.0%; Pred. No. 4,3e-92; Indels 0; Gaps 0;
Matches 231; Conservative 0; Mismatches 0;

QY 1 EPKSCDKHTHTCPCPAPPELLGGPSVFLFPPPKKDTLMISRTPEYTCVVDVSHEDPEVKF 60
DB 1 EPKSCDKHTHTCPCPAPPELLGGPSVFLFPPPKKDTLMISRTPEYTCVVDVSHEDPEVKF 60
QY 61 NMVYDGEVHNAKTKRREQGYNSTYRVSVLTVTHQDMLNGKEYKCKVSNKALPAPIEKT 120
DB 61 NMVYDGEVHNAKTKRREQGYNSTYRVSVLTVTHQDMLNGKEYKCKVSNKALPAPIEKT 120
QY 121 ISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNYKTT 180
DB 121 ISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNYKTT 180
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DB 121 ISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNYKTT 180
QY 181 PVLDSGSEFLYSKLTVDKSRWQQGNVSCVMHEALHNYTQKSLSLSPG 231
DB 181 PVLDSGSEFLYSKLTVDKSRWQQGNVSCVMHEALHNYTQKSLSLSPG 231

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RESULT 8
US-10-207-655-208
; Sequence 208, Application US/10207655
; Publication No. US20030118592A1
; GENERAL INFORMATION:
; APPLICANT: Ledbetter, Jeffrey A.
; APPLICANT: Hayden-Ledbetter, Martha S.
; TITLE OF INVENTION: BINDING DOMAIN-IMMUNOGLOBULIN FUSION PROTEINS
; FILE REFERENCE: 390069,401C1
; CURRENT APPLICATION NUMBER: US/10/207,655
; CURRENT FILING DATE: 2002-07-25
; NUMBER OF SEQ ID NOS: 426
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 208
; LENGTH: 235
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Fusion polypeptide
US-10-207-655-208

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Query Match          90.8%; Score 1258; DB 14; Length 235;
Best Local Similarity 100.0%; Pred. No. 4,3e-92; Indels 0; Gaps 0;
Matches 231; Conservative 0; Mismatches 0;

QY 1 EPKSCDKHTHTCPCPAPPELLGGPSVFLFPPPKKDTLMISRTPEYTCVVDVSHEDPEVKF 60
DB 1 EPKSCDKHTHTCPCPAPPELLGGPSVFLFPPPKKDTLMISRTPEYTCVVDVSHEDPEVKF 60
QY 4 EPKSCDKHTHTCPCPAPPELLGGPSVFLFPPPKKDTLMISRTPEYTCVVDVSHEDPEVKF 123
DB 4 EPKSCDKHTHTCPCPAPPELLGGPSVFLFPPPKKDTLMISRTPEYTCVVDVSHEDPEVKF 123
QY 61 NMVYDGEVHNAKTKRREQGYNSTYRVSVLTVTHQDMLNGKEYKCKVSNKALPAPIEKT 180
DB 61 NMVYDGEVHNAKTKRREQGYNSTYRVSVLTVTHQDMLNGKEYKCKVSNKALPAPIEKT 180
QY 121 ISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNYKTT 183
DB 121 ISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNYKTT 183
QY 124 ISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNYKTT 231
DB 124 ISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNYKTT 231
QY 181 PVLDSGSEFLYSKLTVDKSRWQQGNVSCVMHEALHNYTQKSLSLSPG 234
DB 181 PVLDSGSEFLYSKLTVDKSRWQQGNVSCVMHEALHNYTQKSLSLSPG 234

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RESULT 9
US-09-996-357-13
; Sequence 13, Application US/0996357
; Patent No. US2002013001A1
; GENERAL INFORMATION:
; APPLICANT: Gettel, David I.
; APPLICANT: Israel, David I.
; APPLICANT: Joyal, John I.
; APPLICANT: Gosselin, Michael
; TITLE OF INVENTION: THERAPEUTIC AGENTS AND METHODS OF USE THEREOF FOR
; TREATING AN AMYLOIDOTIC DISEASE
; FILE REFERENCE: PPI-105
; CURRENT APPLICATION NUMBER: US/09/996,357
; CURRENT FILING DATE: 2001-11-27
; PRIOR APPLICATION NUMBER: 60/253,302
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/250,198
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/257,186
; PRIOR FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 247
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-996-357-13

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Query Match          90.8%; Score 1258; DB 9; Length 247;
Best Local Similarity 100.0%; Pred. No. 4,6e-92; Indels 0; Gaps 0;
Matches 231; Conservative 0; Mismatches 0;

QY 1 EPKSCDKHTHTCPCPAPPELLGGPSVFLFPPPKKDTLMISRTPEYTCVVDVSHEDPEVKF 75
DB 1 EPKSCDKHTHTCPCPAPPELLGGPSVFLFPPPKKDTLMISRTPEYTCVVDVSHEDPEVKF 75
QY 61 NMVYDGEVHNAKTKRREQGYNSTYRVSVLTVTHQDMLNGKEYKCKVSNKALPAPIEKT 135
DB 61 NMVYDGEVHNAKTKRREQGYNSTYRVSVLTVTHQDMLNGKEYKCKVSNKALPAPIEKT 135
QY 76 NMVYDGEVHNAKTKRREQGYNSTYRVSVLTVTHQDMLNGKEYKCKVSNKALPAPIEKT 180
DB 76 NMVYDGEVHNAKTKRREQGYNSTYRVSVLTVTHQDMLNGKEYKCKVSNKALPAPIEKT 180
QY 121 ISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNYKTT 195
DB 121 ISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNYKTT 195
QY 136 ISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNYKTT 246
DB 136 ISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNYKTT 246
QY 181 PVLDSGSEFLYSKLTVDKSRWQQGNVSCVMHEALHNYTQKSLSLSPG 246
DB 181 PVLDSGSEFLYSKLTVDKSRWQQGNVSCVMHEALHNYTQKSLSLSPG 246
QY 196 PVLDSGSEFLYSKLTVDKSRWQQGNVSCVMHEALHNYTQKSLSLSPG 246
DB 196 PVLDSGSEFLYSKLTVDKSRWQQGNVSCVMHEALHNYTQKSLSLSPG 246

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RESULT 10
US-10-008-063-18
; Sequence 18, Application US/10008063
; Publication No. US20030092164A1
; GENERAL INFORMATION:
; APPLICANT: Gross, Jane A.
; APPLICANT: Xu, Wenteng
; APPLICANT: Heine, Randal M.
; APPLICANT: Grant, Francis, J.
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor
; FILE REFERENCE: 00-103
; CURRENT APPLICATION NUMBER: US/10/008,063
; CURRENT FILING DATE: 2001-11-05
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-008-063-18
Query Match          90.8%; Score 1258; DB 14; Length 251;

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Best Local Similarity 100.0%; Pred. No. 4.7e-92;  
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EPKSCDTHTCPCPAPABELLGSPVFLPPKPKDTLMISTPEVTCVVDVSHDEPVKF 60  
DB 20 EPKSCDTHTCPCPAPABELLGSPVFLPPKPKDTLMISTPEVTCVVDVSHDEPVKF 79  
QY 61 NMVVDGVEVNAATKPREEOYNSTYRVSVLTVLHODMLNGKCKVSNKALPAPIEKT 120  
DB 80 NMVVDGVEVNAATKPREEOYNSTYRVSVLTVLHODMLNGKCKVSNKALPAPIEKT 139  
QY 121 ISKAKQPREPOVYTLPPSRDELTKQVSLTCLVKGFPYPSDIAVEMSNQOPENNYKTP 180  
DB 140 ISKAKQPREPOVYTLPPSRDELTKQVSLTCLVKGFPYPSDIAVEMSNQOPENNYKTP 199  
QY 181 PVIDSDGSFPLYSKLTVDKSRMOQGNVFCSCVMHEALHNNHYTKSLSLSPG 231  
DB 200 PVIDSDGSFPLYSKLTVDKSRMOQGNVFCSCVMHEALHNNHYTKSLSLSPG 250

## RESULT 11

US-10-152-363A-6

; Sequence 6, Application US/10152363A  
; Publication No. US20030103986A1  
; GENERAL INFORMATION:  
; APPLICANT: Rixon, Mark W.  
; TITLE OF INVENTION: TACT-Immunoglobulin Fusion Proteins  
; FILE REFERENCE: 01-20  
; CURRENT APPLICATION NUMBER: US/10/152,363A  
; CURRENT FILING DATE: 2002-05-20  
; PRIOR APPLICATION NUMBER: 60/293,343  
; PRIOR FILING DATE: 2001-05-24  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PaetSeq for Windows Version 3.0  
; SEQ ID NO 6  
; LENGTH: 251  
; TYPE: PRT  
; ORGANISM: Homo Sapiens  
US-10-152-363A-6

Query Match 90.8%; Score 1258; DB 14; Length 251;  
Best Local Similarity 100.0%; Pred. No. 4.7e-92;  
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EPKSCDTHTCPCPAPABELLGSPVFLPPKPKDTLMISTPEVTCVVDVSHDEPVKF 60  
DB 20 EPKSCDTHTCPCPAPABELLGSPVFLPPKPKDTLMISTPEVTCVVDVSHDEPVKF 79  
QY 61 NMVVDGVEVNAATKPREEOYNSTYRVSVLTVLHODMLNGKCKVSNKALPAPIEKT 120  
DB 80 NMVVDGVEVNAATKPREEOYNSTYRVSVLTVLHODMLNGKCKVSNKALPAPIEKT 139  
QY 121 ISKAKQPREPOVYTLPPSRDELTKQVSLTCLVKGFPYPSDIAVEMSNQOPENNYKTP 180  
DB 140 ISKAKQPREPOVYTLPPSRDELTKQVSLTCLVKGFPYPSDIAVEMSNQOPENNYKTP 199  
QY 181 PVIDSDGSFPLYSKLTVDKSRMOQGNVFCSCVMHEALHNNHYTKSLSLSPG 231  
DB 200 PVIDSDGSFPLYSKLTVDKSRMOQGNVFCSCVMHEALHNNHYTKSLSLSPG 250

## RESULT 12

US-09-934-060A-32

; Sequence 32, Application US/09934060A  
; Patent No. US20020155121A1  
; GENERAL INFORMATION:  
; APPLICANT: DeVico, Anthony L.  
; APPLICANT: Route, Timothy R.  
; TITLE OF INVENTION: VIRUS COAT PROTEIN/RECEPTOR CHIMERAS AND METHODS OF USE  
; FILE REFERENCE: 4115-144 CIP  
; CURRENT APPLICATION NUMBER: US/09/934,060A

; CURRENT FILING DATE: 2001-08-21  
; PRIOR APPLICATION NUMBER: US 09/684,026  
; PRIOR FILING DATE: 2000-10-06  
; PRIOR APPLICATION NUMBER: US 60/158,321  
; PRIOR FILING DATE: 1999-10-08  
; NUMBER OF SEQ ID NOS: 33  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 32  
; LENGTH: 259  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthesized construct  
; NAME/KEY: Misc FEATURE  
; LOCATION: (259)-(259)  
; OTHER INFORMATION: Xaa can be any amino acid  
US-09-934-060A-32

Query Match 90.8%; Score 1258; DB 9; Length 259;  
Best Local Similarity 100.0%; Pred. No. 4.9e-92;  
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EPKSCDTHTCPCPAPABELLGSPVFLPPKPKDTLMISTPEVTCVVDVSHDEPVKF 60  
DB 28 EPKSCDTHTCPCPAPABELLGSPVFLPPKPKDTLMISTPEVTCVVDVSHDEPVKF 87  
QY 61 NMVVDGVEVNAATKPREEOYNSTYRVSVLTVLHODMLNGKCKVSNKALPAPIEKT 120  
DB 88 NMVVDGVEVNAATKPREEOYNSTYRVSVLTVLHODMLNGKCKVSNKALPAPIEKT 147  
QY 121 ISKAKQPREPOVYTLPPSRDELTKQVSLTCLVKGFPYPSDIAVEMSNQOPENNYKTP 180  
DB 148 ISKAKQPREPOVYTLPPSRDELTKQVSLTCLVKGFPYPSDIAVEMSNQOPENNYKTP 207  
QY 181 PVIDSDGSFPLYSKLTVDKSRMOQGNVFCSCVMHEALHNNHYTKSLSLSPG 231  
DB 208 PVIDSDGSFPLYSKLTVDKSRMOQGNVFCSCVMHEALHNNHYTKSLSLSPG 258

## RESULT 13

US-09-996-357-12

; Sequence 12, Application US/09996357  
; Patent No. US20020133001A1  
; GENERAL INFORMATION:  
; APPLICANT: Geffer, Malcolm L.  
; APPLICANT: Iersei, David I.  
; APPLICANT: Joyal, John L.  
; APPLICANT: Gosselin, Michael  
; TITLE OF INVENTION: THERAPEUTIC AGENTS AND METHODS OF USE THEREOF FOR  
; TITLE OF INVENTION: TREATING AN AMYLOIDOTIC DISEASE  
; FILE REFERENCE: PRT-105  
; CURRENT APPLICATION NUMBER: US/09/996,357  
; CURRENT FILING DATE: 2001-11-27  
; PRIOR APPLICATION NUMBER: 60/253,302  
; PRIOR FILING DATE: 2000-11-27  
; PRIOR APPLICATION NUMBER: 60/250,198  
; PRIOR FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: 60/257,186  
; PRIOR FILING DATE: 2000-12-20  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 12  
; LENGTH: 267  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: alpha-beta(16-30)Fc  
US-09-996-357-12

Query Match 90.8%; Score 1258; DB 9; Length 267;  
Best Local Similarity 100.0%; Pred. No. 5e-92;  
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

us-09-939-537-33.rapb

Thu Mar 10 07:09:07 2005

QY 1 EPKSCDKHTHTCPCPAPABELLGGPSVFLPPPKKDTLMSRTPEVTCVVDVSHDEPEVKF 60  
Db 36 EPKSCDKHTHTCPCPAPABELLGGPSVFLPPPKKDTLMSRTPEVTCVVDVSHDEPEVKF 95  
QY 61 NMVVDGVEVHNAKTKPREEOYNSTYRVSVLTVLHODMLNGKEYCKVSNKALPAPIEKT 120  
Db 96 NMVVDGVEVHNAKTKPREEOYNSTYRVSVLTVLHODMLNGKEYCKVSNKALPAPIEKT 155  
QY 121 ISKAKGQPREPOVYTLPPSRDELTKNOVSLTCLVKGFPYPSDIAVEMESNGQPENNYKTTT 180  
Db 156 ISKAKGQPREPOVYTLPPSRDELTKNOVSLTCLVKGFPYPSDIAVEMESNGQPENNYKTTT 215  
QY 181 PVLDSGSPFLYSKLTVDKSRWQGNVFCGVHHEALHNNHYTOKSLISLSPG 231  
Db 216 PVLDSGSPFLYSKLTVDKSRWQGNVFCGVHHEALHNNHYTOKSLISLSPG 266

RESULT 14  
US-10-370-749-48  
; Sequence 48, Application US/10370749  
; Publication No. US20040002587A1  
; GENERAL INFORMATION:  
; APPLICANT: Watkins, Jeffrey D.  
; TITLE OF INVENTION: FC Region Variants  
; FILE REFERENCE: AME-07823  
; CURRENT APPLICATION NUMBER: US/10/370,749  
; CURRENT FILING DATE: 2003-02-20  
; PRIOR FILING DATE: 2002-02-20  
; NUMBER OF SEQ ID NOS: 54  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 48  
; LENGTH: 329  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-370-749-48

Query Match 90.8%; Score 1258; DB 15; Length 329;  
Best Local Similarity 100.0%; Pred. No. 6; Se-92; Indels 0; Gaps 0;  
Matches 231; Conservative 0; Mismatches 0;  
QY 1 EPKSCDKHTHTCPCPAPABELLGGPSVFLPPPKKDTLMSRTPEVTCVVDVSHDEPEVKF 60  
Db 98 EPKSCDKHTHTCPCPAPABELLGGPSVFLPPPKKDTLMSRTPEVTCVVDVSHDEPEVKF 157  
QY 61 NMVVDGVEVHNAKTKPREEOYNSTYRVSVLTVLHODMLNGKEYCKVSNKALPAPIEKT 120  
Db 158 NMVVDGVEVHNAKTKPREEOYNSTYRVSVLTVLHODMLNGKEYCKVSNKALPAPIEKT 217  
QY 121 ISKAKGQPREPOVYTLPPSRDELTKNOVSLTCLVKGFPYPSDIAVEMESNGQPENNYKTTT 180  
Db 218 ISKAKGQPREPOVYTLPPSRDELTKNOVSLTCLVKGFPYPSDIAVEMESNGQPENNYKTTT 277  
QY 181 PVLDSGSPFLYSKLTVDKSRWQGNVFCGVHHEALHNNHYTOKSLISLSPG 231  
Db 278 PVLDSGSPFLYSKLTVDKSRWQGNVFCGVHHEALHNNHYTOKSLISLSPG 328

RESULT 15  
US-09-995-898A-15  
; Sequence 15, Application US/0995898A  
; Publication No. US20030027253A1  
; GENERAL INFORMATION:  
; APPLICANT: Preenell, Scott R.  
; APPLICANT: Xu, Wenfeng  
; APPLICANT: No. US20030027253A1ak, Julia E.  
; APPLICANT: Whitmore, Theodore E.  
; APPLICANT: Grant, Francis J.  
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19  
; FILE REFERENCE: 00-108  
; CURRENT APPLICATION NUMBER: US/09/995,898A  
; CURRENT FILING DATE: 2001-11-28

; PRIOR APPLICATION NUMBER: US 60/253,561  
; PRIOR FILING DATE: 2000-11-28  
; PRIOR APPLICATION NUMBER: US 60/267,211  
; PRIOR FILING DATE: 2001-02-07  
; NUMBER OF SEQ ID NOS: 50  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 15  
; LENGTH: 330  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-09-995-898A-15

Query Match 90.8%; Score 1258; DB 10; Length 330;  
Best Local Similarity 100.0%; Pred. No. 6; Se-92; Indels 0; Gaps 0;  
Matches 231; Conservative 0; Mismatches 0;  
QY 1 EPKSCDKHTHTCPCPAPABELLGGPSVFLPPPKKDTLMSRTPEVTCVVDVSHDEPEVKF 60  
Db 99 EPKSCDKHTHTCPCPAPABELLGGPSVFLPPPKKDTLMSRTPEVTCVVDVSHDEPEVKF 158  
QY 61 NMVVDGVEVHNAKTKPREEOYNSTYRVSVLTVLHODMLNGKEYCKVSNKALPAPIEKT 120  
Db 159 NMVVDGVEVHNAKTKPREEOYNSTYRVSVLTVLHODMLNGKEYCKVSNKALPAPIEKT 218  
QY 121 ISKAKGQPREPOVYTLPPSRDELTKNOVSLTCLVKGFPYPSDIAVEMESNGQPENNYKTTT 180  
Db 219 ISKAKGQPREPOVYTLPPSRDELTKNOVSLTCLVKGFPYPSDIAVEMESNGQPENNYKTTT 278  
QY 181 PVLDSGSPFLYSKLTVDKSRWQGNVFCGVHHEALHNNHYTOKSLISLSPG 231  
Db 279 PVLDSGSPFLYSKLTVDKSRWQGNVFCGVHHEALHNNHYTOKSLISLSPG 329

Search completed: March 7, 2005, 07:28:12  
Job time : 78.9233 secs